Ricoh Aficio SP 4100SF/
SP 4110SF/SP 4100SFL

Desktop Laser MFP

Big Productivity, Small Footprint

RICOH

productive

convenient

functional

Ricoh Aficio SP 4100SF/SP 4110SF/SP 4100SFL

Multifunctionality in a compact, economical system.

The RICOH® Aficio® SP 4100SF Series empowers small offices and workgroups with high-speed black & white printing, copying, faxing and advanced color scanning. Powerful, yet compact, this multifunction system improves productivity through electronic distribution tools and capabilities that integrate seamlessly with your workflow. Built upon Ricoh's award-winning laser printer technology, the Ricoh Aficio SP 4100SF Series delivers outstanding reliability and performance.

Convenient Multifunctional Performance

From the range of output choices to information management capabilities, this workflow and document hub adapts to your needs.

- Work with fewer interruptions—one optional 500-Sheet Paper Feed Unit increases capacity to 1,100 sheets.
- Expand your possibilities with versatile output options—copy and print up to 8.5" x 14", use up to 90 lb. Index stock, even print envelopes with the optional Envelope Feeder.
- Be more efficient with the standard 50-Sheet Automatic Document Feeder's fast, convenient multi-page scanning and copying.
- Increase your source material options—the platen cover makes it easy to copy stapled documents, books, three-dimensional objects and small originals such as drivers licenses and insurance cards.
- Maximize peer-to-peer and network printing with standard 10/100Base-TX Ethernet.
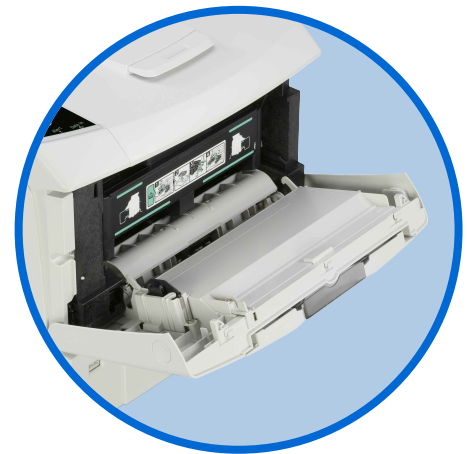
Sharing color documents from multiple hardcopy originals is fast and efficient through the standard 50-Sheet Automatic Document Feeder.

Robust Document Scanning and Distribution

The Ricoh Aficio SP 4100SF Series is exceptionally versatile, with powerful management and workflow features typically reserved for larger enterprises.

- Save time and expense by scanning documents, photos and other originals, up to 8.5" x 14", directly to e-mail.
- Easily distribute and store documents for the workgroup via Scan-to-Email, Scan-to-Folder, and more.
- Streamline the document reviewing process by sending scanned forms, applications, reports and other documents to a designated folder on the network.
- Scan directly to a PC using network TWAIN scanning, so documents can be easily opened in an application for editing.
- Give your small office more advanced network connectivity options for wireless printing and Gigabit Ethernet support.

To access the All-In-One Print Cartridge, simply open the front cover to expose the All-In-One cartridge and slide in a new one.

Maximized Workgroup Productivity

Ideas take shape faster and are shared more effectively with highly productive communications tools.

- Get documents faster—the Ricoh Aficio SP 4100SFL & SP 4100SF print at 31 ppm and the SP 4110SF at 36 ppm with print quality up to 1200 x 600 dpi.
- Fax faster with 200 Speed Dials and a 33.6 Kbps high-speed modem.
- Spend less time at the copier with speeds up to 25 copies-per-minute through the ADF.
- Conserve costs with two-sided printing through the optional Duplexing Unit.
- Use PDF Direct Print to output PDFs without opening Adobe Acrobat™.

Security and Efficiency*

Maintain the integrity of critical business information through sophisticated, convenient encryption and monitoring technologies.

- Remotely monitor your network settings, fax settings, copy settings, system usage and supply status through Ricoh's Web Image Monitor™.
- Save administrators' time with automated meter reading and reporting via the Ricoh @Remote Intelligent Management System.
- Print securely with the Locked Print feature by holding documents in memory until a PIN number is entered (Optional HDD required).
- Protect against information theft with Network Protection Data Unit.

*Available security and efficiency features will be dependent on individual network environments.

Your Environmental Partner

Ricoh continues its long-standing commitment to developing office solutions with environmentally friendly and superior energy- and supply-saving features, without compromising productivity, including:

- Quick Start-Up (QSU) Technology
- Power-Saving Sleep Mode
- Combine Copy Modes
- Internal Toner Recycling Mechanism
- Low Noise Levels
- Minimal Ozone Emissions
- Restriction of Hazardous Substances (RoHS) Compliant

Scanner and Printer*

	EDP
IS800C Image Scanner with rack	402938
RICOH Aficio SP 4100NL	403068
RICOH Aficio SP 4100N	402799
RICOH Aficio SP 4110N	402803

*Both the IS800C Image Scanner and selected mainframe must be ordered.

Engine Specifications

Printer Imaging Process	Laser beam scanning electro-photographic printing using dry, monocomponent toner development
Scanner Reading Element	Flatbed scanner with full-color CIS array image-sensor
Configuration	Desktop
Resolution	1200 x 600 dpi 600 x 600 dpi 300 x 300 dpi
Grayscale	256 levels
Document Feeding	Standard 50-Sheet Automatic Document Feeder (ADF) Width: 4.5" x 8.5" Length: 5.5" x 14" Paper Weight: 16 – 28 lb. Bond
Duplex	Optional Automatic Duplexing
Paper Supply (Std.)	500-Sheet Paper Tray; 100-Sheet Bypass Tray (Total 600 sheets)
Optional Paper Supply	Paper Feed Unit – 500 sheets x 1 Maximum: 1,100 sheets
Paper Weights	Paper Trays: 16 – 34 lb. Bond Bypass Tray: 16 – 43 lb. Bond/90 lb. Index
Media Types	Paper Tray and Paper Feed Unit: Plain paper, Recycle paper Bypass Tray: Plain paper, Recycle, Thick paper, Envelopes, Transparencies
Output Tray Capacity	250 sheets (face down), Internal Tray
Power Source	120V, 60Hz, 4.5A
Dimensions (WxDxH)	
IS800C with ADF	17.5" x 16.2" x 10.7" (444mm x 412mm x 272mm)
SP 4100NL/SP 4100N/SP 4110N	15.3" x 17.7" x 13.6" (388mm x 450mm x 345mm)
IS800C with Rack and Printer	20.2" x 19.5" x 29.8" (512.8mm x 495.3mm x 756.2mm)
Weights	
IS800C with ADF and Scanner Rack	44 lb. (20 kg)
SP 4100NL/SP 4100N/SP 4110N	38.6 lb. (17.5 kg)
Safety Regulations	UL UL60950-1, FCC Part 15 Class B device, EnergyStar compliant

Printer Controller Specifications (Standard)

Print Speed	SP 4100SFL/SP 4100SF: 31 ppm SP 4110SF: 36 ppm
Interface	USB 2.0, 10/100Base-TX, IEEE 1284
CPU	RM5231–400MHz
Memory	Standard: 192 MB/ Maximum: 384 MB
PDL	RPCS, PCL5e, PCL6, Genuine Adobe®Postscript®3™, PDF Direct Print
Resolution	1200 x 600 dpi/600 x 600 dpi/300 x 300 dpi
Network Protocols	Simultaneous auto-sensing/auto-switching TCP/IP, Novell IPX/SPX, AppleTalk, & SMB
Operating Systems	Windows 2000/XP/Server 2003/Vista/Netware 3.12, 3.2, 4.1, 4.11, 5.0, 5.1, 6, 6.5; Unix* (using Ricoh UNIX filter); Mac OS 8.6 or later, OS X 10.1 or later

*For UNIX support, visit www.ricoh-usa.com/downloads

Printer Features	User Codes (200), Optional HDD DataOverWriteSecurity System, Locked Print (requires optional HDD), PDF Direct Print
Utilities	Web Image Monitor™, SmartDeviceMonitor, Font Manager 2000, Printer Utility for Mac, DeskTopBinder Lite

Copier Specifications (Standard)

Warm-Up Time	Less than 45 seconds
First Copy Speed	16 seconds or less
Copy Speed	SP 4100SFL/SP 4100SF: 31 cpm SP 4110SF: 36 cpm
Multi-Copy Speed (ADF)	up to 25 cpm
Quantity Indicator	1 – 99
Original Type	Sheet/Book
Original Size	Up to 8.5" x 11.69" (Platen); Up to 8.5" x 14" (ADF)
Copy Size	Standard Paper Trays and Optional Paper Feed Unit: All standard sizes from 5.6" x 8.5" – 8.5" x 14" (statement to legal) (All standard metric sizes from A5 – A4) Custom sizes: Width from 5.6" – 8.5" – Length from 5.6" – 14" Bypass Tray : All standard sizes from 2.6" x 5.6" – 8.5" x 17" (All standard metric sizes from A4 – A6)
Reproduction/Zoom Ratios	25%, 50%, 78%, 127%, 200% ADF: 25% – 400%, in 1% increments Platen: 20 – 200% in 1% increments
Copier Features	Density Control (1-7 levels), Edge Erase, Margin Shift, Paper Saving (N-up), Collate (Sort/Stack)

Scanner Specifications (Standard)

Scanning Type	Flatbed color image scanner with Automatic Document Feeder
Resolution	Optical: 600 dpi
Scanning Speeds	Monochrome: 8 ipm Color: 8 ipm
Grayscale	256 levels
Compatibility	Network and TWAIN standard
Scan Modes	Black & White; Grayscale; Color
Max. Original Size	Platen: 8.5" x 11.7"; ADF: 8.5" x 14"

Connectivity	USB 2.0 for Copying, TWAIN Scanning, 10/100Base-TX Ethernet (RJ-45) for Network Scanning
Scanning Capabilities	TWAIN Scanning, Scan-to-Email w/LDAP, Scan-to-Folder

Facsimile Specifications (Standard)

Type	Super G3 Transceiver, Single line
Circuit	PSTN/PBX
Compatibility	ITU, G3
Resolution	Received: 200 x 100, 200 x 200, 200 x 400 dpi Send: 200 x 100, 200 x 200 dpi
Compression	MH, MR, MMR
Modem Speed	33.6 Kbps
Transmission Speed	3 seconds-per-page
Page Memory	2.5 MB in Flash
Fax Features	Quick Dial (20), Speed Dial (200), Error Correction Model, 5 Contrast Control Levels, Halftone/Error Diffusion, Monitor Speaker, On-Hook Dial, Pause, Busy Tone Detection, Redial (Automatic/Manual), Memory Transmission, Broadcasting (200), Clear Memory Transmission File, Auto Answer Delay Time, Dial Tone Detection

Controller Options

IEEE 802.11b Wireless LAN Type N	414525
SDRAM 128MB Type C	001179MIU
SDRAM 256MB Type C	001180MIU
HDD Type 2650	003276MIU
Gigabit Ethernet Board Type A	402547
VM Card Type D	402704
Data Storage Card Type A	402627
HDD Overwrite Security* Type E	402550

(*This option must be installed by technician)

BB-HPL10A-R HD-PCL Ethernet Adaptor	100123FNG

Optional Paper Handling

Paper Feed Unit Type TK 1030	402807
Envelope Feeder Type 400	400939
Duplex Unit AD 1000	402808

IS800C Image Scanner	402938

Note: Scanner can be purchased separately for the SP 4100NL, SP 4100N, and SP 4110N B/W Laser Printers.

Supplies

	Ricoh Part #	Yield
SP 4100SFL AIO Print Cartridge	403073	7,500* prints
SP 4100SF/SP 4110SF/ AIO Print Cartridge	402809	15,000* prints
SP 4100SFL/SP 4100SF/ SP 4110SF Maintenance Kit	402815	90,000 prints
IS800C Maintenance Kit	402949	

SP 4100SFL ships with starter All-In-One Print Cartridges at 3,000 prints. SP 4100SF/SP 4110SF ships with starter All-In-One Print Cartridges at 6,000 prints; all other consumables ship at full yield. *Declared yield value in accordance with ISO/IEC 19752.

Please note: AIO Print Cartridges for the SP 4100SFL and AIO Print Cartridges for the SP 4100SF/SP4100SF are not interchangeable.

Ricoh Consumables: For maximum performance and yield, we recommend using genuine Ricoh parts and supplies.

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